





# **Have fun with your Nintendo 3DS!**

# Take 3D photos with your Nintendo 3DS system and enter them in our photo contest!

Pick any of the 6 categories and capture your picture in 3D:



Animals



**Augmented Reality** 



**Objects** 









**Places** 



**Plants** 

The Nintendo 3DS 3D Photo Contest opens End of April until 17th June 2012

Take some creative 3D shots that you think deserve a top spot in one of our six categories.

It's simple to enter - Just register on our website by using our easy to use Nintendo 3DS internet browser on your Nintendo 3DS then upload your photos directly onto the site! This is where you can also check out the competition in each category and find out more about our awesome prizes!

Visit <a href="http://3d-photo-contest.nintendonetwork.net">http://3d-photo-contest.nintendonetwork.net</a> for more information. Terms and conditions apply.

NINTENDO 3DS.



## WRITE TO US!

Send us your letters, birthdays, pictures and comments. We want to hear from you, so start writing!

- · Write to us at: The Editor, NG KIDS, PO Box 2271,
- Send us an e-mail to fiona@ngkids.co.za or SMS\* us a letter to "NGK Letters" 33970.

\* Standard rates apply for MMSs, so ask your parents first! SMSs cost Rt.50.

Free SMSs do not apply. See www.ngkids.co.za for terms and conditions.

We had a really fantastic response to our readers' survey in the February issue. Many thanks to all of you who let us know what you think of the magazine. The good news is that we are doing something right as the

feedback was overwhelmingly positive. We got some great ideas from you, too. Congratulations to Bianca Vogel of Odendaalsrus who won the family bush holiday at Madikwe Game Reserve.

Some of you have been asking – and not just in the survey – for more on horses. Check out our horsey cover star and feature about seven wonderful horses. Horses are my favourite animals. I used to ride when I was a kid – a horse called Equi.

My mum rode at the same stables and did much more as well. She helped out doing whatever she could, from endlessly grooming horses to mucking out. She even trained a horse – a spirited young Arabian that nobody else could ride – by gaining his trust. I thought she was very brave.

As it's Mother's Day this month, think of all the things that you admire about your mum and tell her that you love her, of course. She might also like some of our handy gift coupons (page 44).

Happy Mother's Day, Mum!

Dare to Explore!

PS I'd also like to hear what you get up to during the Easter holidays!

Rhinos are in trouble!
To create

awareness, we hid ten rhinos

on the pages
of the magazine! Here's
one, but can you

spot all ten?



#### DEAR FIONA,

MY NAME IS LUKE HOWARD AND I LOVE READING NATIONAL GEOGRAPHIC KIDS AS I AM INTERESTED IN CRYSTALS, ANIMALS AND PLANTS. I'M COLLECTING AS MANY MAGAZINES AS I CAN!

LETTER OF THE MONTH

WHAT A TALENTED LOT! CHECK OUT THE WINNERS OF THE YOUNG ARTISTS

COMPETITION.

BEWARE OF THE THORNS, LUKE!

MY SCHOOL IS ST GEORGE'S IN WINDHOEK AND I AM DOING A SCIENCE PROJECT ON THE CAMEL THORN TREE. LOTS OF BIRDS AND SPIDERS LIVE IN IT. THE TREE'S SEED PODS AND LEAVES ARE VERY USEFUL. THE BRANCHES THAT DROP OFF ARE THE BEST FOR WINTER BRAAI FIRES.

WE LOVE OUR TREES AND THIS ONE ON OUR PLOT OUTSIDE WINDHOEK IS DECADES OLD. WE LOVE TO PLAY IN AND UNDER IT BUT THE THORNS CAN BE DANGEROUS!

WARM NAMIBIAN REGARDS,

LUKE, 10, WINDHOEK

## SUBSCRIBERS OF THE MONTH

The May subscribers of the month are Anje Kruger, 10, Worcester; Nadia Jansen van Vuuren, 8, Worcester; Josh Phillips, 11, Morningside; Nirette Smith, 10, Rivonia and Juanita de Kock, 11, Tulbagh.

To celebrate the release of <code>One Life</code>, a brilliant documentary illustrating various animals and organisms and how we are all connected, <code>lucky subscribers</code> have each <code>won</code> a copy of the <code>Inside Life</code> DVD, valued at <code>R203</code> each. It's based on the journey of <code>ten kids</code> to observe the making of <code>Life</code>, proving documentaries are not just for adults, but also very <code>educational</code> for <code>kids</code>.

Showing at cinemas now.

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**Hooray for horses** Meet seven awesome horses.

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Discover how different animals build.

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#### The Dog Whisperer

Cesar Millan shares his adventures in canine communication.

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#### Wacky World

Check out these bizarre attractions next to roads around the globe.

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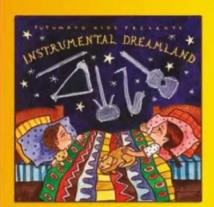
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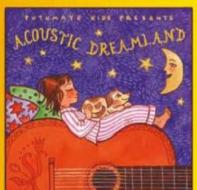
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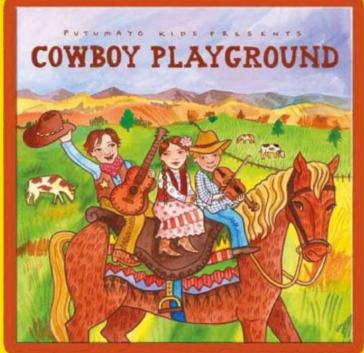
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MPH.EMERY, SUNNER JOINT VENTURE IDOG WHISPERERI; JUHA METSO (COW SCULPTURE PHOTO)



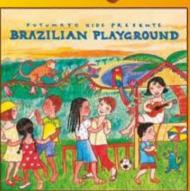








MUSIC ADVENTURES

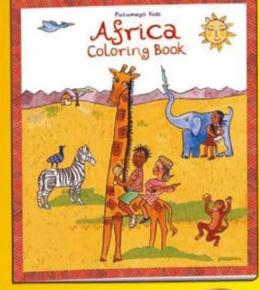


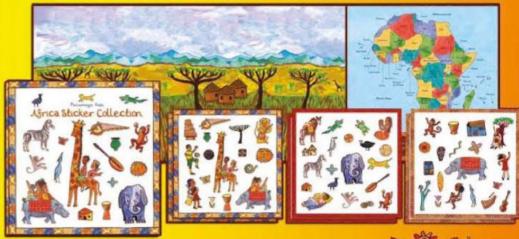


PUTUMAYO KIDS wants you to saddle

up for a fun collection of classic cowboy songs

for buckaroos of all ages!





PUTUMAYO KIDS
WORLD CULTURE COLLECTION !!!

www.facebook.com/PutumayoKidsAfrica



like shingles and each has a thick mineralised layer on top of it. Underneath are much softer collagen fibres stacked like a pile of plywood. The external surface is twice as hard as the internal layer, giving the fish a layer of dense armour that stops a piranha with a

tooth-cracking snap! If engineers can copy nature's combination they could use it to improve things that need to be both tough and flexible like armour, fuel cells

If there were a competition and aerospace designs. for the world's ugliest critter, Meanwhile back in the this bat may win by a nose! Amazon the local people use First seen in Vietnam's Chu the ridged scales, which can Mom Ray National Park in be nearly 10 centimetres 2008, the Griffin's leaf-nosed long, as nail files. bat was recently confirmed as a new species. Scientists think the leaf-like features on the bat's face may help them with echolocation sending out sound waves and listening for echoes bouncing

New Baton the Block



Celebrate the heroes in half shell on 23 May - and we don't mean the little green ninjas. It's World Turtle Day and the aim is to increase people's knowledge of and respect for turtles and tortoises and encourage action to help them survive. At NG KIDS office we'll be dressing in green to show our support. Here are other ways you can help:

off objects, including prey.

Sounds batty to us!

- Never buy a turtle or tortoise from a pet shop as it increases demand from the wild.
- Don't remove them from the wild unless they are sick or injured.
- If a tortoise is crossing a busy street, pick it up and send it in the same direction it was going - if you try to make it go back, it will turn again.

 Report cruelty or illegal sales of turtles and tortoises to your local animal control shelter.



**Dates for your Diary** 

1 May

In honour of all the hard-working people in South Africa, everyone can relax on this public holiday.

6 to 11 May

The African fish-eagle was named Bird of the Year for 2012. Go to www.birdlife.org.za/ events/national-bird-week to learn more about this majestic raptor. If you're in Gauteng don't forget the Sasol Birds and Birding Fair from 26 to 27 May at the

Johannesburg Zoo. Both days promise to be great fun with tons of free activities, exhibitions, workshops and guided bird walks on offer.

WIN! The first three readers to e-mail the name of the bird of the year and their name, age and contact details to fiona@ngkids.co.za will each win a pair of tickets to the fair.

**13 May** 

The dogs of Lidgetton will be having their day at **Jabula Combined School** near Howick, KwaZulu-Natal, from 9 a.m. to 3 p.m. Spectators,

volunteers and entrants are welcome! Go to www.hillspet.co.za/ SPCA/Hill's Facebook or

www.umngenispca.org.za for more information.

The world is changing rapidly and museums also need to keep up to date with new technology . So this year's museum theme is "Museums in a changing world. New challenges, new inspirations." Local museums will be joining in

the fun with special activities and exhibitions.





NATIONAL GEOGRAPHIC KIDS

# Amazing mals BABY I'D STICK MY NECK OUT FOR THIS GUY ANYTIME! Pembrokeshire, Wales

Birds aren't known for loving toys, but Madoc the baby ostrich can't get enough of his stuffed animal.

Madoc lives with his fluff-filled "friend" at the Folly Farm Adventure Park and Zoo. Caretakers gave the newborn the toy to keep him company after he was abandoned by his mum.

toy to keep him company after he was abandoned by his mum.

"The stuffed animal is like a security blanket," zoo manager Tim
Morphew says. "It makes Madoc feel safe."

The ostrich eats with the toy next to him and sleeps squatting
at its fake feet. Sometimes Madoc gently nuzzles his bestie with
his beak. If someone moves the toy, Madoc waddles over to join it.

"Baby birds learn what kind of creatures they are by watching
family members," says Stephen Kress of the National Audubon
Society. "Madoc's toy lookalike is showing him he's an ostrich." The
little guy may outgrow the need for a stuffed buddy. But for now,
these two birds of a different feather still flock together.





### **ELEPHANT WEARS RAINCOAT**



#### Nairobi, Kenya

Wet weather doesn't get Shukuru the elephant down. That's because this young mammal has her very own raincoat!

Normally baby elephants rely on hovering family members to keep them warm and dry during bad weather. But Shukuru is an orphan. Her caretakers at the David Sheldrick Wildlife Trust knew that without family she'd get soaked in the rain. So they made her a special outfit.

The bright orange jacket was created from the same fabric as a human's raincoat. On wet days Shukuru stands patiently as a keeper places it over her back and fastens it under her tummy. "She's used to wearing the coat and knows that it will make her feel cosy," says Angela Sheldrick, the trust's executive director. If only Shukuru had some extra large boots to complete the look.

# CHIHUAHUA CHASES AWAY BURGLARS

#### California, America

Paco the chihuahua was curled up for a snooze in his neighbour's shop when two masked men burst through the door. They charged toward the counter, shoved an empty bag at the cashier and ordered him to fill it with money.

Awoken by the noise, Paco leapt into action. The small pooch bounded toward the intruders, barking loudly and nipping at their ankles. The startled robbers ran off, but Paco wasn't done with his patrolling. The five-kilogram security guard followed the thieves outside and chased them down the street before returning to the shop.

What turned this normally calm and friendly pet into a feisty crime fighter? Veterinary behaviourist Terry Marie Curtis thinks Paco actually might have been scared when the robbers entered the shop. "Sometimes when animals are frightened, they act aggressively to make the scary thing go away," says Terry Marie.

the scary thing go away," says Terry Marie.

Whatever Paco was feeling, everyone in the neighbourhood is impressed with his bravery. "He's a real superhero," shop owner Erik Knight says. "All he still needs is a little cape."





# dolphin facts to flip over

- Newborn dolphins have a tiny patch of hair on their chins.
- 2 Some wild dolphins play catch with coconuts.
- Every dolphin has a signature Whistle 3 it uses to identify itself.

bottlenose dolphin was discovered in a lake in America.

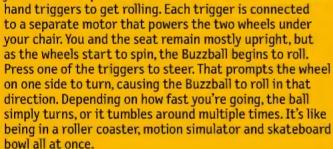
To Stay alert for predators, only half a dolphin's brain goes to sleep.

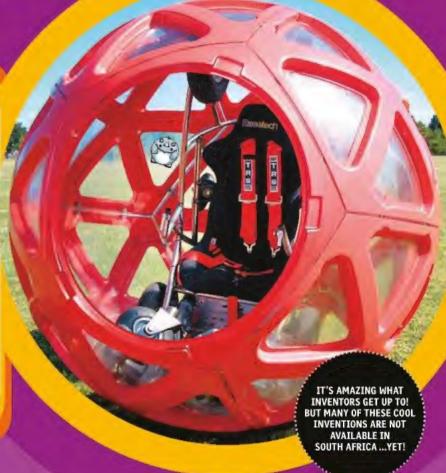
6 Risso's dolphins can hold their breath for 30 minutes.

# nventions

## Topsy-Turv

You'll roll on the ground laughing with the Buzzball. Take a seat, strap yourself in and press the two





# SH (TOILET) TANK

The next time you go to the bathroom, don't forget the fish food. The Fish 'n Flush turns a regular toilet into an aguarium. Two see-through tanks are attached to the toilet. The inner tank is for flushing the toilet. Around that tank is an aquarium.

When you flush, the water level of the inner tank goes down, making it seem as if water is flowing from your aquarium. Don't worry-it's an illusion. The fish tank's water level remains the same, so your fishies are fine.

# VIRTUAL KEYBOARD

Tap out an e-mail right on your kitchen table or type a report on your bedroom floor. With the Magic Cube you can turn any flat, opaque surface into a keyboard. Connect the small, cube-shaped device to a smart phone, tablet or computer. The cube uses a laser beam to project a pattern of a keyboard on to the surface.

A sensor inside the cube tracks where your fingers are tapping, then translates the movements into letters and numbers. The cube even plays tapping sounds while you type, just in case you miss the clickety-clack of your old-fashioned keyboard.



# ALL SONEY.

BY KRISTIN BAIRD RATTINI



CHINESE COINS WERE SHAPED LIKE KNIVES.



A BRITISH COUNTERFEITING GANG PRINTED OVER R500 MILLION IN FAKE MONEY BEFORE THEIR ARREST IN 1998.



THE KRUGERRAND COIN IS A PRANCING SPRINGBOK.

FEATHERS OF THE SCARLET HONEYEATER BIRD WAS USED IN THE SOUTH PACIFIC OCEAN UNTIL THE 1980.



C-3PO AND
NINE OTHER
STAR WARS
CHARACTERS
APPEAR ON
DOLLAR
COINS
FROM NIUE,
AN ISLAND
SOME 2 000
KILOMETRES
OFF
NEW ZEALAND.



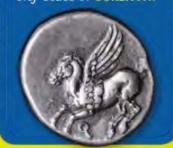
MY ACCOUNT IS FROZEN, SO JUST PUT IT ON MY BILL.

THERE ARE TWO ATMS IN ANTARCTICA.



FOR A TIME IT WAS THE CUSTOM TO USE EGGS AS A FORM OF CURRENCY IN FRANCE.

THE MYTHICAL WINGED HORSE PEGASUS appeared on a coin from the ancient Greek city-state of CORINTH.

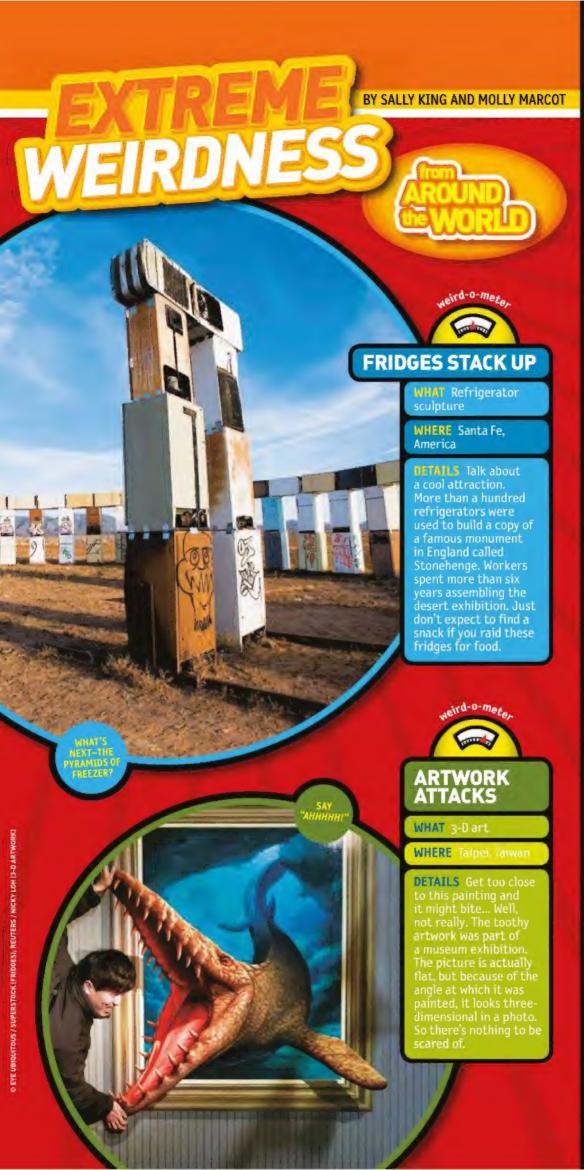


MONEY TIPE SUYING ONE CAN OF COOLDRINK EACH WEEK FOR A YEAR.

OUTD SAVE

RALL

AFP / GETTY IMAGES (PRESIDENT); COURTESY OF AMERICAN NUMISMATIC SOCIETY, NY IKNIFE COIN]; CREATIV STUDIO HEINEMANN / WESTENDA 1 / NEWSCOM 120-POUND NOTE); ISTOCKPHOTO (KRUGERRANDI; © TRUSTEES OF THE BRITISH MUSEUM (FEATHER MONEY); NEW ZEALAND MINT / PEX FEATURES / AP PHOTO IC 3PO! © YLADIMIR SELLVERSTOY / OREAMSTIME (PENGUIN), NIGHT \_CAT / SHUTTERSTOCK (ATM.), IMAGE DIGITALLY COMPOSED; ISTOCKPHOTO [EGG], © THE ART GALLERY COLLECTION / ALAMY [PEGASUS]; CREATIVEYE99 /



#### **TEEN GUARD**

TEEN GUARD has been specially formulated to help you cope with stre and boost your energy levels while keeping your skin healthy and your body in Delance. THEN GUARD GUYS and GRUS have been created with Vitamin B complex to suit the demands of growing girls and guys. TEEN GUARD BRAIN FUEL is a yummy tropical chew that gives you the Omegan you need without fishy breath. Teen Guard is giving away 10 hampers consisting of a gym kit

bag, water bottle, towel and sunscreen, worth Raso each, SMS\* "NGK THEN" to 33970 to win!





#### **DOLPHIN BEACH HOTEL**



Situated on the beach in Care Towns Blouberg village and only 20 minutes from the V&AWaterfront, Dolphin Beach Hotel is the perfect family getaway, with seafront cabanas that can accommodate families large and small.

Enjoy direct access to the beach. beautiful gardens, a children's park and swimming pool — this is the life! Go to www.visitdolphinbeach. com or call 021-557-8140

DOLPHIN BEACH HOTEL

#### **DINOWAURS**

for more information.

Since the beginning of there has been only one law: survival of the fittest Dinowaurs is an amazing, brand-new collectible set of 36 different amazing dinosaurs! Collect them all, plan a strategy, organise your game cards and gotoward Every pack includes one dinosaur figurine, one transparent battle

card, a fact card and an

identification chart showing all the dinosaurs in this series!



\*SMSs cost R1,50. Free SMSs don't apply. Teen Guard competition closes 29 May 2012.

For centuries humans and horses have fought together, helped and healed each other. Meet seven awesome horses who have made a name for themselves. لو

#### BLUE BLOOD

#### NAME: Siglavy Odaliska BREED: Lipizzaner AGE: 6

For a horse to be a true Lipizzaner its pedigree has to be traced back to one of the original six stallions – Pluto, Conversano, Maestoso, Favory, Neapolitano and Siglavy – who were born in Europe between 1765 and 1810. Four mares and two stallions were brought to South Africa in 1944 and they settled in Mooi River, KwaZulu-Natal. The descendants of the original horses live at the Lipizzaner Centre in Kyalami, Johannesburg.

There are 31 stallions at the centre who perform the famous Lipizzaner dances. One of them is Siglavy Odaliska, a descendant of Siglavy. "If horses were people, Odaliska would be the cheeky little boy at the back of the class causing all the trouble," says his rider, Abby Long. "But when it comes to exams, he seems to pull out all the aces. He's taught many student riders a thing

or two about how to stay on a horse. That happens when he decides to test out his acceleration, which is top class."

The Lipizzaner dances we enjoy today are moves once used on the battlefield. Soldiers in the Middle Ages taught the horses movements to help them beat the enemy. One is the Pesade: the horse stands up high on his hind legs and his rider gets a better view of the battlefield. Another is the Capriole: the horse jumps straight up and kicks his hind legs backwards. This was used to attack foot soldiers.

These days, the stallions perform the movements for their beauty and grace, while the handler remains on the ground next to them. "Odaliska is really good at the Capriole", says Abby, who believes the young stallion is destined for greatness.

#### **BREED INFO BOX:**

ORIGIN: Slovenia, Europe HEIGHT: 14.2 and 15.2 hands BEST FEATURE: Strong, arched neck

#### **DID YOU KNOW?**

Lipizzaner horses are born dark. They become lighter with each change of coat until they are silvery white.



BY JANI COETZEE AND FIONA THOMSON



NAME: Magic BREED: Miniature horse AGE: 4

Magic the miniature horse has done wonderful work. She's a therapy horse with the charity Gentle Carousel in Florida, America. Magic visits sick children, pensioners in old age homes and others who need some cheering up. She has learnt to walk up stairs and not to be scared of cars and hospital equipment.

Horses are herd animals. They are very sensitive to the feelings of others in the herd. Magic has changed many lives in her "herd".

Kathleen Loper hadn't spoken in years. When she saw Magic, she suddenly said: "Isn't she beautiful!" The hospital staff were amazed but for Magic it was all in a day's work.

Horse-riding is used to heal people as well. It is called hippotherapy. "The soothing rhythm and warmth improves circulation, abnormal muscle tone, reflexes and even the mood of the patient," says Lisa Hare McCallum of the Equine Assisted Therapy Association of South Africa.

The organisation South African Riding for the Disabled has ponies and horses that are specially trained to work with people who have special needs. They have over 300 pupils around South Africa. "There are many benefits and wonderful outcomes when using a horse to help a child-many smile and talk for the first time when they are introduced to these wonderful creatures," says Lisa.

#### **BREED INFO BOX:**

ORIGIN: Europe in the early 1600s SIZE: 60 centimetres **BEST FEATURE:** Blue eyes

#### **DID YOU KNOW?**

Miniature horses don't get fleas, because fleas don't like their skin.



#### **HEROES WITH HOOVES**

NAME: Marengo BREED: Arabian AGE: Died of old age at 38

Napoleon Bonaparte was a French leader from 1804 to 1815. He led his cavalry on horseback during many military

Other leaders preferred large thoroughbred horses, but Napoleon was very fond of his small Arabian stallion. In the book *Marengo*, *The Myth of Napoleon's Horse*, by Jill Hamilton, we read that Napoleon praised his horse for its excellent I, with all my observation and boasted superior knowledge, could not.

After his army was beaten at the Battle of Waterloo in 1815, Napoleon went into exile on the island St Helena off the coast of Africa. Marengo became a "celebrity horse". After capture he was paraded as a symbol of victory by the British. A painting of Marengo was a big hit at an exhibition at the Royal Academy of Arts.

He ended his days on a farm where he was well cared for and even after he died

he wasn't forgotten. His skeleton was put on display in the National Army Museum in London.

#### **BREED INFO BOX:**

ORIGIN: One of the oldest breeds from the Arabian Peninsula HEIGHT: 14.1 to 15.1 hands **BEST FEATURE:** Bubbly personality

#### **DID YOU KNOW?**

The Dickin medal was inspired by an animal's devotion to duty. It has been awarded 63 times since 1943. Dogs received most of the awards, but three horses got the medal during World War II and one cat was honoured as well.





#### SILVER SCREEN STEED

NAME: Silver BREED: Tennessee walking horse AGE: Retired in 1956

"Hi-yo, Silver! Away!" shouts a masked cowboy, known only as the Lone Ranger, as he gallops off on his white stallion. The Lone Ranger was a popular TV show that ran from 1949 to 1957. Together with his sidekick Tonto, the courageous cowboy fought injustice in the American Wild West. The story goes that the Lone Ranger and Tonto saved Silver from an enraged buffalo. The horse gave up his life in the wild to be the Lone Ranger's faithful friend.

White Cloud, the Tennessee walking

White Cloud, the Tennessee walking horse that played Silver, was extremely intelligent and well-trained. Although he didn't know many tricks he could rear up to an impressive height, for which he became famous.

Horse actors like Silver did much of their on-screen work with just a single stunt double but more recent films often use more than one for their lead horses. Fifteen different horses were used to portray the famous racehorse Seabiscuit and for the Steven Spielberg movie War Horse 14 animals were trained to play the hero, Joey, at various ages and sizes, although only ten were used in the final film

#### **BREED INFO BOX:**

ORIGIN: The American South HEIGHT: 17 hands BEST FEATURE: Laid-back personality

#### **DID YOU KNOW?**

The legend of Silver lives on in the new film *The Lone Ranger*, due for release in May 2013 and starring Johnny Depp. Five horses will play Silver in this movie.





# Tiny newborn bunnies are saved from a raging

BY KITSON JAZYNKA

ot wind blows through the foothills of the Palo Pinto Mountains in northern Texas, America, fuelling a wildfire that consumes homes, farms and woodlands around Possum Kingdom Lake. At the edge of a meadow the fire gets closer and closer to a nest of newborn cottontail bunnies. The bushes that shelter them begin to smoulder. Too young to flee, the helpless kits wait for their mother to return. Burning ash drifts into their nest and singes their delicate ears.

A nearby firefighter hears a squeak. He peers into the bushes and finds the quivering nest of tiny bunnies, each one about the size of a small egg and too young to see or hear. There is no sign of the mother rabbit. The fire roars close to the place where the veld meets the forest. The firefighter scoops up the babies and gently places them into his pocket.

Hours later the six bunnies travel in a shoe box to Wild Rescue in Denton, Texas. where wildlife rehabilitation expert Diana Leggett takes them in. They smell like a veld fire. The edges of their ears are ragged from the burns and they're

suffering from smoke inhalation. Diana guesses they're about seven days old. She transfers the babies into a warm, humid incubator that will soothe their burned skin.

\*They could breathe but that was about it," says Diana, who has rehabilitated thousands of cottontails. "They moved slowly, which showed they were in pain."

She hopes they have the strength to survive. The kit with the worst burns does not.

#### **INTENSIVE CARE**

Diana treats the five remaining babies with fluids for dehydration and ointment and antibiotics for the burns. The kits huddle together, scared and tense, their bodies rigid. She gives them fluids and liquid nutrition through a small tube. As the hours go by during the first two days, they begin to relax and explore their environment.

After 48 hours the babies have stabilised. Diana washes the caked ash and burnt embers from their bodies. She places fresh grass, dandelions and rose petals in the incubator to provide them with familiar scents. On the fourth day she makes a nest with a towel, dried leaves, and more fresh grass. When the babies start to chew the feeding tube, she switches to a rubber nipple attached to a feeding syringe. They

guzzle formula made from powdered goat's milk that closely matches their mother's milk. For the first time the babies appear bright and alert. Diana, who has barely left the rehab room since the bunnies arrived, begins to think they might be okay.

TIME TO PLAY

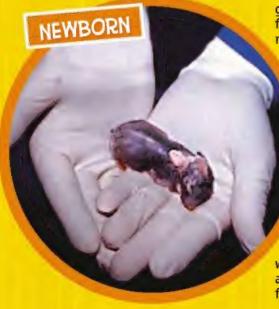
Three weeks later the rehab room turns from an intensive care unit into a bunny romper room. The cottontails get the burns on their ears checked daily, but otherwise they live wild in the room. Each one is now the size of a tennis ball and has lots of sandy-coloured fur. They run, jump, play leapfrog and

practise their quick zigzag escapes, which will help them survive in the wild. After playtime they retreat to their hideouts to nap. No longer needing milk, they eat a natural diet of grass, apples and hay.

"A light bulb went off in their brains around this time and they would go wild," Diana says. The less she handles them and the sooner she releases them, the better. "As a wildlife rehabilitator, I do my best to imitate what their mum would have done."

When the kits reach seven weeks old and all their wounds have healed, Diana waits for a day with mild weather, loads them into a crate and drives to a remote. wooded area. In a patch of brambles near a stream at the edge of a forest, she opens the carrier. The healthy wild cottontails hesitate, then scamper into the shade of the late afternoon.

"They disappeared quickly," she says. "All I saw was some grass shaking. They are true little survivors.







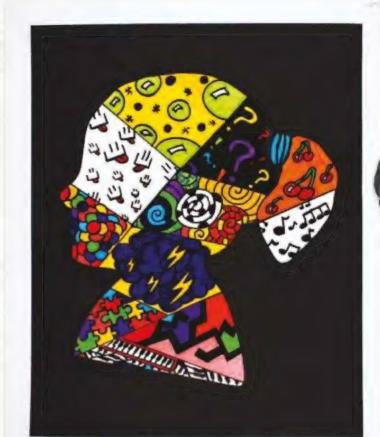


# MEEGUT WI

# OUN COMPETITION! BROUGHT TO YOU BY BOSTIK

DRAWING AND DATE OF THE PARTY O

Nicholas Wissema, 12, Cape Town Title: Monkey in the Moonlight



Hayley Cameron Fawset, 11, Magaliesburg Title: Zany Me





Sarah van Wyngaarden, 8, Cape Town Title: Tiger

# 





Rizia Verwey, 12, Rondebosch Title: Cityscape

# CATEGORY: Title: Midnight Owl

Tara Schwulst, 12, East London



Sadè Snyman, 7, Franschhoek Title: Take care of your family

Well done
to everybody
who entered the
competition and a big
thank you to parents
and teachers for taking
the trouble to get the
artwork to us.

Well done to King David Primary in Johannesburg who sent in the most entries. The school wins the same Wii prize package as well as art supplies worth

R5 000 from Bostik.

SCHOOL



**PiCtioNaRi** 









### Minally Spoil your mum on Mother's Day by entering this month's competition to win a getaway for a family of four to a luxury hotel. FOUR LUCKY NG KIDS READERS WILL WIN: Two nights accommodation for two adults and two children at one of the featured Three Cities resorts PLUS a spa treatment for your mum. Le Franschhoek Hotel & Spa is a five-star hotel located in the heart of the Cape Winelands. Your mum **FUNTHINGS FOR YOU TO DO** Tennis, swimming, horseback REMEMBER riding, hiking, mountain biking, fly-fishing and chocolate Mother's and cheese tasting. Day is on KwaZulu-Natal www.lefranschhoek.co.za

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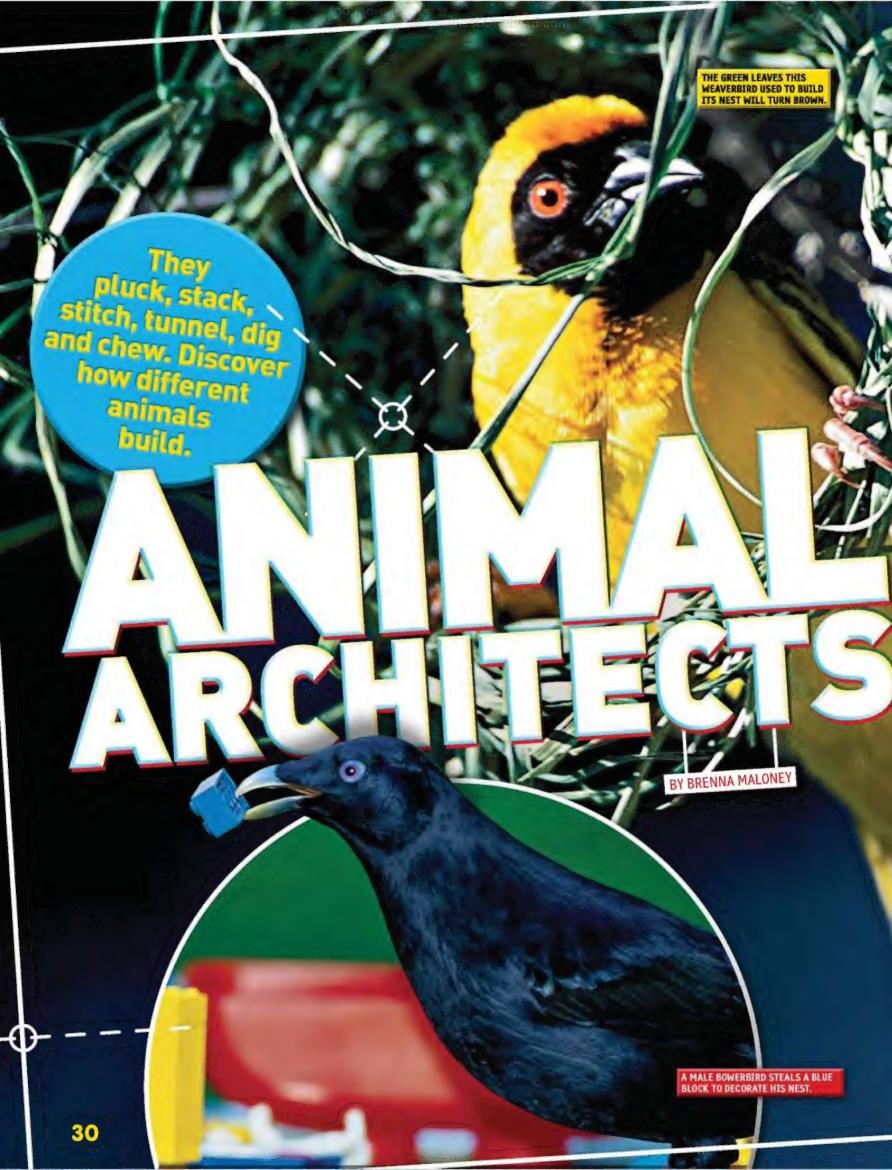
Western Cape

1. SMSs cost R1, 50 and free minutes do not apply. 2. You may enter as many times as you like. 3. Entrants must be 14 years old or younger. 4. The competition opens on 25 April 2012 and closes on 29 May 2012. 5. The winner will be determined by a random number generator and will be notified telephonically. No correspondence will be entered into. 6. If the winner cannot be contacted for a period of two weeks after the closing date, an alternative winner will be drawn. 7. The prize is for two adults and two children up to the age of 15, is valid for six months and must be taken by 31 December 2012. 8. This prize excludes transport or transfers and all extras not specified are for the individual account. 9. The prize is non-transferable, non-redeemable for cash, non-upgradeable and cannot be extended. 10. The prize is subject to availability and must be made through the Three Cities Central Reservations office. 11. Prize packages: The Square Boutique Hotel and Spa: two nights bed and breakfast for two adults and two children; dinner for four on one night (excluding beverages); full back massage, manicure and pedicure for mum. Le Franschhoek Hotel & Spa: two nights bed and breakfast for two adults and two children; two full body massages for mum. Greenway Woods Resort: two nights bed and breakfast for two adults and two children; dinner for four on both nights (excl. uding beverages); one full-body hot stone massage for mum. Alpine Heath Resort: two nights bed and breakfast for two adults and two children; a two-hour outback horse ride for four; one full-body hot stone massage for mum. 12. This prize may not be redeemed during peak seasons or over public holidays. 13. Staff of Mediaz4 (Ltd) and their immediate family, sponsors and their advertising agencies may not enter. 14. The entrant accepts that entry to the competition does not constitute a contract of any form of legal commitment between the entrant and NG KIDS. 15. NG KIDS shall not assume liability for any ambiguity, error, oversight or omission whether ne

THE SQUARE BOUTIQUE HOTEL & SPA

LE FRANSCHHOEK HOTEL & SPA









#### BIRD BUILDERS

Some of nature's best builders are birds. Most birds build nests so they can have a safe place to lay their eggs and raise their young. They often look for places to build where predators cannot reach them.

It's hard work. Birds need a lot of supplies to create a nest that won't fall apart or get knocked over

Most birds find their building supplies in their environment – twigs, grass or leaves can make a good base for a nest. They use mud, spit or spider webs to glue their nests together.

Sometimes birds add man-made items that they find to their nests. That can make for an odd-looking nest. In one osprey nest a researcher found three shirts, a bath towel, an arrow and a garden rake!

Building a nest takes time and patience. A bird can only carry so much in its beak, so it travels back and forth many times to add new items to the nest.

To build a strong nest, a bird needs the right materials. The weaverbird builds with leaves. The leaves must be fresh and green so they'll bend easily. Dry leaves are too stiff and brittle and break too easily.

The weaverbird tears green leaves into strips and then ties a few of them around a twig growing from a tree. It clamps its foot down around this knot, takes the loose ends in its beak and begins to weave the leaves together.

The soft strips easily fold over one another. The weaverbird ties a knot in each strip to keep it from falling off. When the bird runs out of strips, it makes new ones and adds them to the nest.

Slowly the bird forms a ring that will become the entrance to its nest. Then it weaves walls, a floor and a ceiling.

The bird knows what shape to make the nest and how strong it has to be. If it is too weak, the nest will fall apart.

### STITCHING A NEST

The weaverbird isn't the only bird to carefully build a nest. The tailorbird sews its nest, using its beak like a sewing needle.

The bird looks for two large leaves growing close together high in a tree. It uses its beak to punch holes along the edge of each leaf.

Next it looks for "thread" to sew the leaves together. It can use plant fibres or even spider webs. The tailorbird pushes the thread through the holes in the leaves and then pulls the thread to sew them together. When it's done, it lines the inside with grass. Now the bird settles into its new, cosy nest.

Eggs rest safely on the nest's floor. When the eggs hatch, the baby birds grow quickly while their parents bring them food. Once the birds are strong enough to fly, they leave the nest. These young birds will build their own nests later.

### MOBILEHOME

Other animals take their homes with them when they are on the move. That's what the bagworm does. A bagworm is a kind of caterpillar that turns into a moth.

Shortly after a bagworm hatches from an egg, it starts on its home. The caterpillar gathers thorns and twigs, and cuts them into small pieces. Using silk to tie the sticks together, the bagworm forms a tube around its body so only its head sticks out.

During the next few months the bagworm carries this case with it everywhere. It camouflages the worm and protects it from predators.

Soon it's time for the bagworm to turn into a moth. Using more silk, it ties the case to a tree limb. It tucks its head into the case and seals the top. Now it looks just like a stick. Predators ignore it for weeks. Then a newly formed moth breaks. free from the case and flies away.





Each worker holds a single larva in its

jaws. Then it uses its antennae to gently

The workers use the silk to glue the leaves together. Building a nest in the trees can take more than a week. The nest can be as big as a basketball.

larva ooze a thin strand of silk.

tap the larva on the head. This makes the

### DIGGING DEEP

ROTFISH MAKES A

Some of nature's most amazing architects build their homes underfoot. They burrow into the ground.

Meerkats often move into burrows made by squirrels. Once inside, the meerkats make improvements.

Meerkats have sharp claws, but they must be careful when digging. If they dig into sandy soil, for example, their tunnel could cave in.

To make sure their tunnels last, meerkats dig close to the surface where plant roots bind the soil. Meerkats line their tunnels with mud, leaves or fur. The extra lining makes the tunnels more stable and comfortable.

### **BUSY BUILDERS**

Perhaps there is no better builder in the animal kingdom than the beaver. Strong teeth and powerful jaws help a beaver strip bark off trees. The beaver then nibbles at the trunk and the tree topples over.

Next, the beaver cuts the tree into smaller pieces. As it works, it is planning what and how it will build. A beaver often builds a dam wall across a stream. The beaver piles up sticks, rocks and mud to make the wall. The trapped water becomes a deep pond.

In the pond, the beaver pushes and pats sticks and mud together. It makes a domed home called a lodge. The entrance and exits to the lodge are underwater. This keeps beavers safe from most predators.

Beavers sometimes dig canals to help them move heavy pieces of wood. Canals are deep ditches filled with water. Beavers float logs and tree branches down the canal to where they are building.

A pair of beavers can build a dam and lodge in a few weeks and then spend years making improvements.

### BEITTER BUILDERS

Animals build many kinds of structures. Bowers, nests, burrows and lodges are just a few of the amazing homes animals can make.

They make their homes with the things they find around them in order to survive. That's why humans sometimes study these animal architects to become better builders themselves.





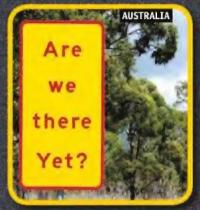






Check out these hilarious but real road signs from around the world.

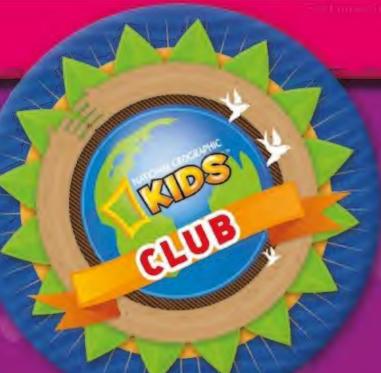












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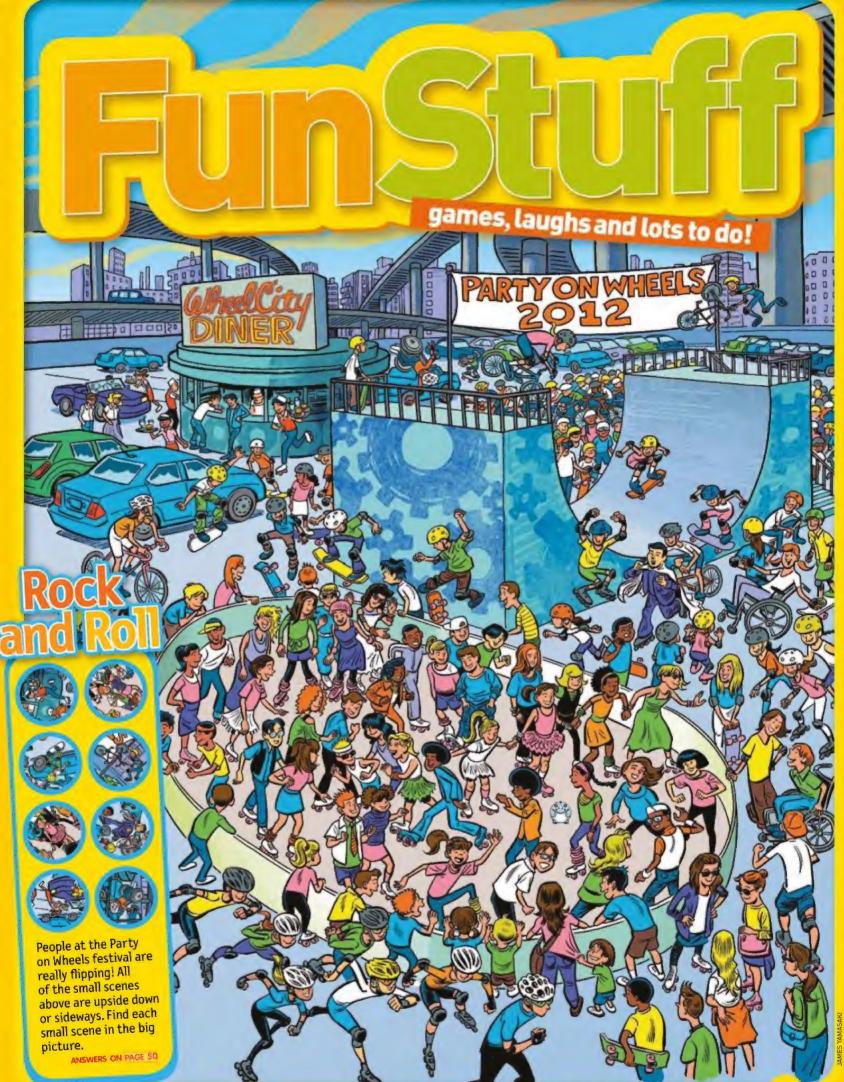
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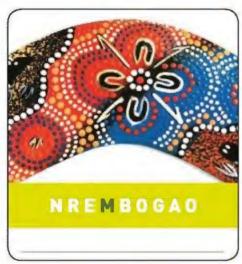




### **DOWN UNDER**

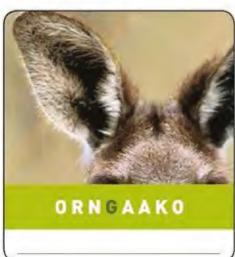
These photographs show close-up and faraway views of things in Australia. Unscramble the letters to identify each picture.

Bonus: Use the highlighted letters to solve the puzzle below. Answers on PAGE 50



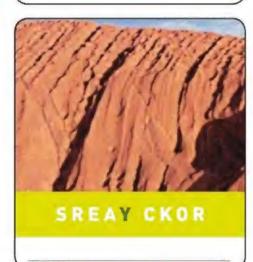


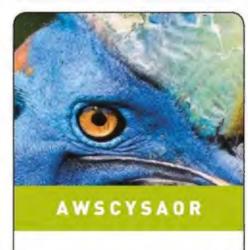


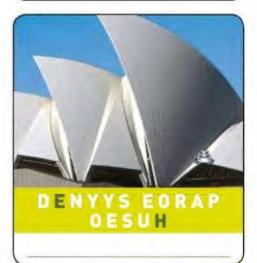






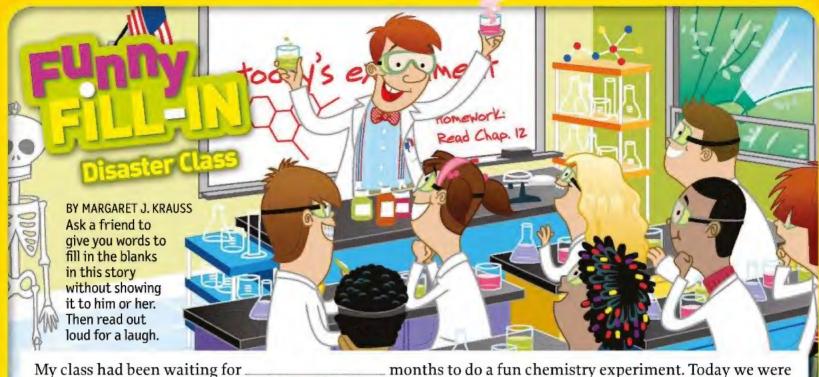






HINT: Here's what you call a friend in Australia who's really strong.

ANSWER:



large number going to learn how to \_ out of\_ . "First dissolve noun, plural noun, plural in one litre of water. Then one gram of\_ the mixture," said my verb type of fruit, plural teacher, Mr\_ . Before I had finished, he was already giving more instructions. To keep up, type of pet a pinch of \_\_\_ and threw it into a cup of \_ past-tense verb "Now\_ it for two minutes," he said. Trying to hurry, I added a few noun, plural it three times. Suddenly the air around me turned and\_ , then noun, plural past-tense verb . My lab partner dived under the and smelled like\_ something gross colour the mixture began to \_\_\_ . Then the experiment all over the room, covering everyone in goo. That wasn't quite the reaction I was looking for! adjective



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HI MUM! I LOVE AMD APPRECIATE YOU.

This coupon entitles you to one:

ree car wash

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combon Remove this strip once has been used.

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conbon Remove this strip once has been used.

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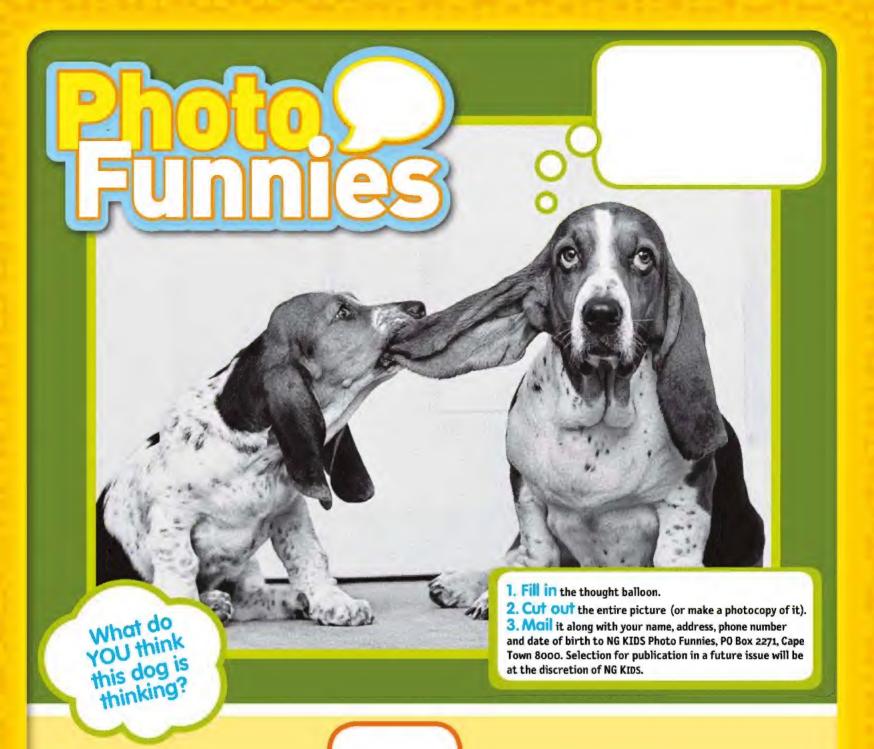
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### From the November Issue

### You have a big bum and you are still fast!

Jessica Howard, 11, Northwold

### Snow down!

Jason le Roux, 12, Pinelands

### Now it's only downhill from here ...

Lindi van Wyk, 10,

### Stop monkeying around and jump!

Kayley Prins, 10, Port Elizabeth

### We are so beating the elephants in the snowboarding tournament this year!

Bailey Evans, 13, Kimberley

### Super monkey to the rescue!

Andi Qu, 9, Johannesburg

### Ice is cool!

Natassha Williams, 10, Claremont.

### What does "snowball effect" mean?

Larissa Mouton, 13, Cape Town

## Find the HIDDEN ANIMA

### ANIMALS OFTEN BLEND in with

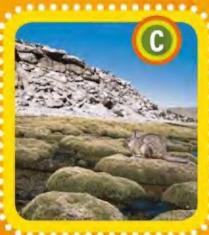
their environment for protection.
Find the animals listed below in the photographs. Write the letter of the correct photo next to each animal's ANSWERS ON PAGE 50 name.

- 1. bald eagle
- 2. frog
- 3. spider
- 5. jaguar
- 6. viscacha

\*Hint: A viscacha is a type of rodent that lives in South America.



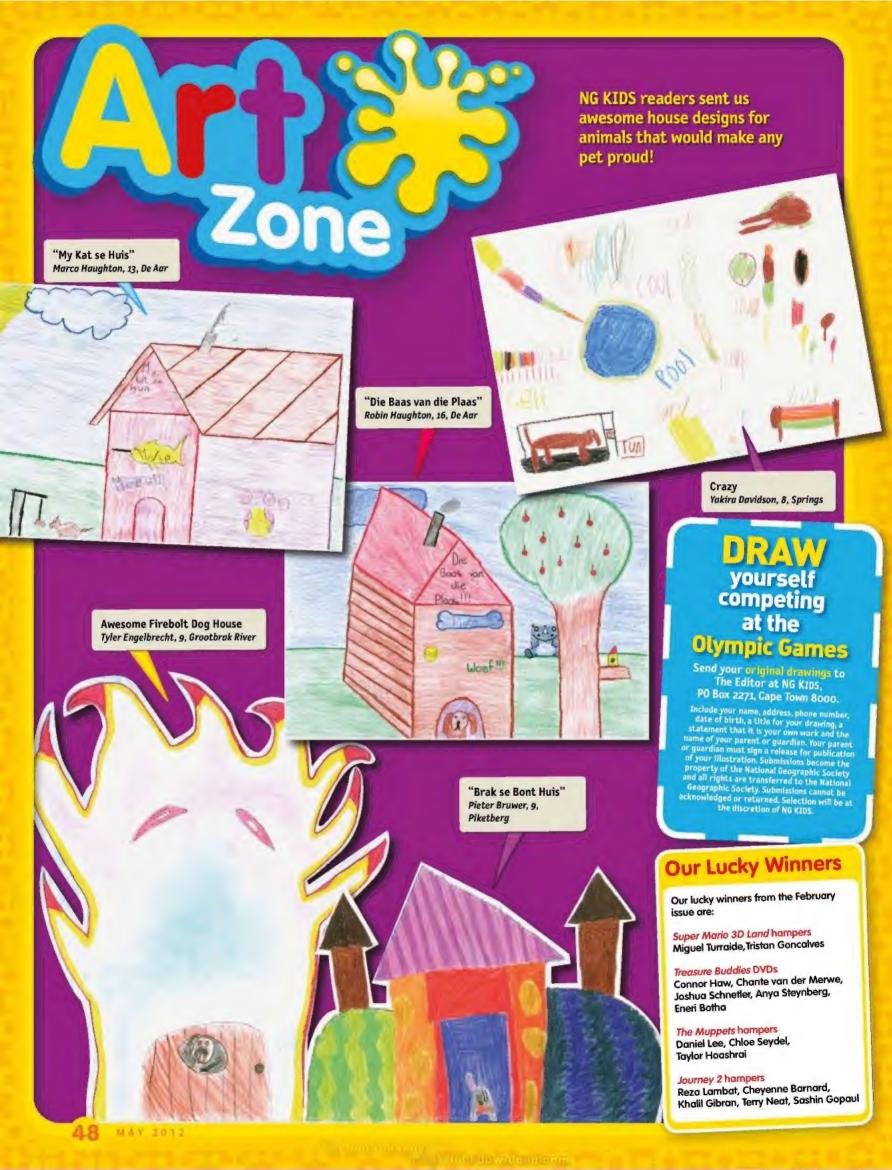


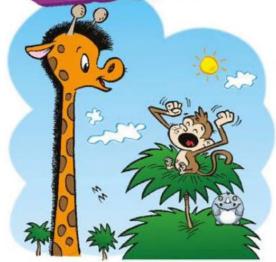












"YOUR MUM SENT ME UP SO YOU WON'T BE LATE FOR SCHOOL AGAIN!"



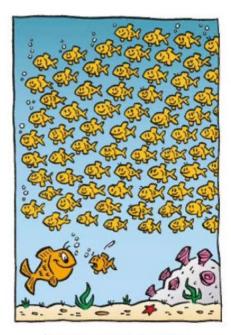
"WHEN I SAID 'BREAK A LEG,' I MEANT GOOD LUCK!"





"OH, NO. NOT ANOTHER SET OF ELEPHANT TRIPLETS!"





"MUM, DO I REALLY HAVE TO GO TO SCHOOL TODAY?"







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